

# Work Order ID 69753

Wednesday, May 18, 2011 12:33:20 PM



Page 1

Item ID: D3325-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Basket Lid Assembly

Start Date: 5/18/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/23/2011 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan:

Date: 11-05-10 Tooling:

Date:

Run Start



QC:

Date: SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D3325

Rev B

100

0.00



Large Fab

Large Fab

Memo

0.00

Large Fab

1-Cut tubes as per Dwg D3325

Qty ☐ Part Number ☐ Description ☐ Batch

2 ☐ D3325-1 ☐ End Tube ☐ 112786

3 ☐ D3325-3 ☐ Interior Tube ☐ 112786

2 ☐ D3325-5 ☐ Full Length Tube ☐ 112786

Identify parts appropriately

2-Remove all markings from material

3-Drill and Weld as per Dwg D3325 & QSI 004  
A/R ☐ 4130 ☒ Steel Rod ☐ 100075

4-Deburr as required

*[Handwritten signature]*

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 69753**

Wednesday, May 18, 2011 12:33:20 PM



Page 2

Item ID: D3325-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Basket Lid Assembly

Start Date: 5/18/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/23/2011 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

110

QC9- Inspect visual per QSI004- Fusion Welds

0.00



QC

Memo

0.00

Quality Control

1 0 BE11/05/27

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

8 u10527



121

Pressure Wash per QSI005 4.3

0.00



HandFinish

Memo

0.00

Hand Finishing

1X 0 m 11/05/28

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 69753

Wednesday, May 18, 2011 12:33:20 PM



Page 3

Item ID: D3325-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Basket Lid Assembly

Start Date: 5/18/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/23/2011 Req'd Qty: 1.00

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00



Powdercoat

Powder Coating

Memo

1ST COAT:

START TIME: 9:15

OVEN TEMPERATURE: 400 OF

FINISH TIME: 9:45

\*\*\*\*\* 2nd coat if necessary\*\*\*\*\*

2ND COAT:

START TIME: 11:00

OVEN TEMPERATURE: 400 OF

FINISH TIME: 11:30

1X ~~Ø~~ M-L 11/05/28

140

QC3- Inspect Part Finish

0.00



QC

Quality Control

Memo

0.00

11.05.28

1 ~~Ø~~

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 69753**

Wednesday, May 18, 2011 12:33:20 PM



Page 4

Item ID: D3325-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Basket Lid Assembly

Start Date: 5/18/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/23/2011 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

150



Packaging

Packaging

Identify as per dwg &amp; Stock Location: GA

0.00

Memo

W/O 69750 (R)

0.00

EB 4/05/30 @

160



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

11/5/30 @

R11-05-30 @

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Wednesday, May 18, 2011 12:33:26 PM

Page 1

Work Order ID: 69753

Parent Item: D3325-041

Parent Item Name: Basket Lid Assembly





Start Date: 5/18/2011

Required Date: 5/23/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 05.02.09 New issue KJ/JLM  
IPP Rev:B 08-12-16 attach DEO DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3328-1  Basket Hinge		Manufactured	No			100	Each	31.0000	2	2			
<div> <div>Location</div> <div>WA005</div> <div>33871</div> </div> <div> <div>Loc Qty</div> <div>31</div> <div>31</div> </div> <div> <div>Loc Code</div> </div>													
D3349-1  Spacer Bushing		Manufactured	No			100	Each	36.0000	2	2			
<div> <div>Location</div> <div>WA005</div> <div>34205</div> <div>44401</div> </div> <div> <div>Loc Qty</div> <div>36</div> <div>8</div> <div>28</div> </div> <div> <div>Loc Code</div> </div>													
D3352-1  Label Plate		Manufactured	No			100	Each	18.0000	1	1			
<div> <div>Location</div> <div>WA005</div> <div>41925</div> </div> <div> <div>Loc Qty</div> <div>18</div> <div>18</div> </div> <div> <div>Loc Code</div> </div>													
D3367-1  Mounting Bracket		Manufactured	No			100	Each	36.0000	2	2			
<div> <div>Location</div> <div>WA005</div> <div>43228</div> </div> <div> <div>Loc Qty</div> <div>36</div> <div>36</div> </div> <div> <div>Loc Code</div> </div>													

Ppl 11.05.25

Ppl 11.05.25

Ppl 11.05.25

Ppl 11.05.25

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Picklist Print

Page 2

Wednesday, May 18, 2011 12:33:26 PM

Work Order ID: 69753

Parent Item: D3325-041

Parent Item Name: Basket Lid Assembly

Start Date: 5/18/2011

Required Date: 5/23/2011

Start Qty: 1.00

Required Qty: 1.00

M4130NTS0.500W.035

Purchased

No

100

f

555.7500

20.5416

21.62274



4130 Square tube .500 x .500 x .035w

Handwritten: 5/11/05.25

Location

Loc Qty

Loc Code

MAT034

555.75

109127

216

109385

15.75

112786

324

Handwritten: 21.62274

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

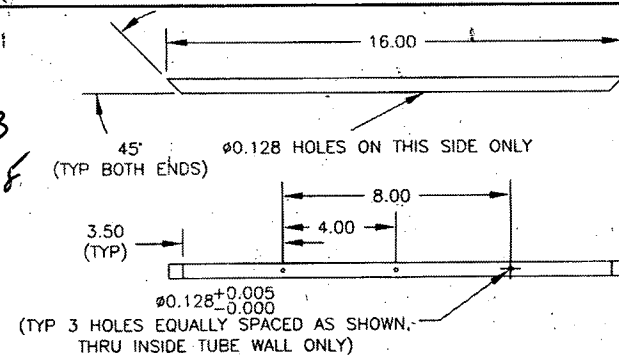
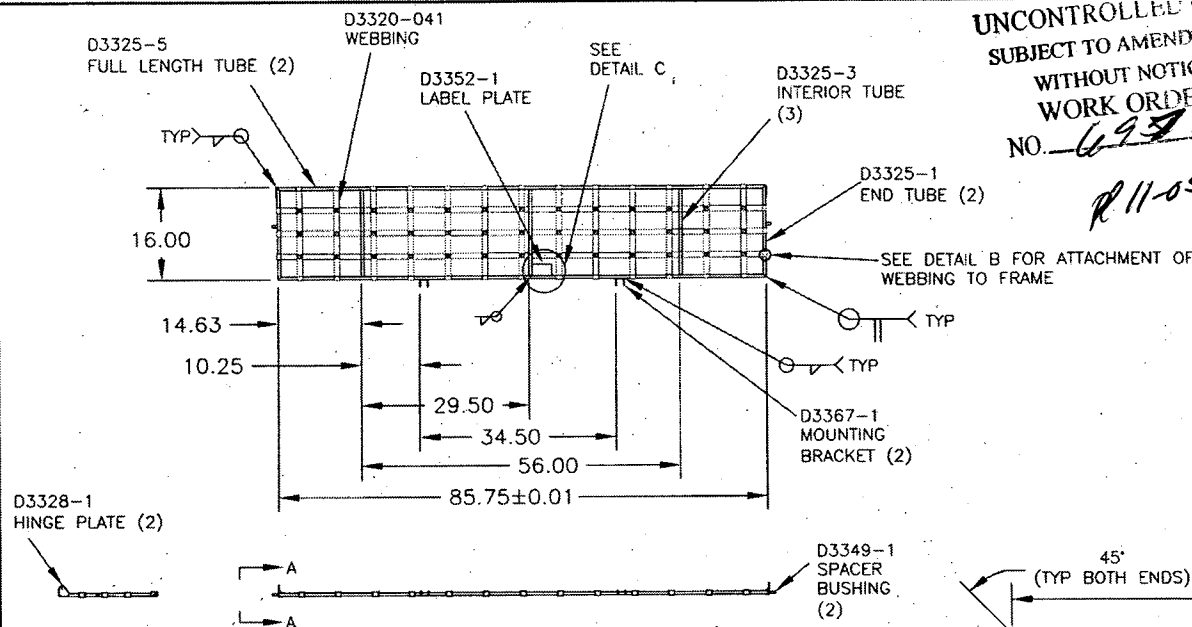
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SHOP COPY  
RETURN TO  
ENGINEERING

UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. **69453**  
**R11-05-18**



#### D3325-041 BASKET LID ASSEMBLY

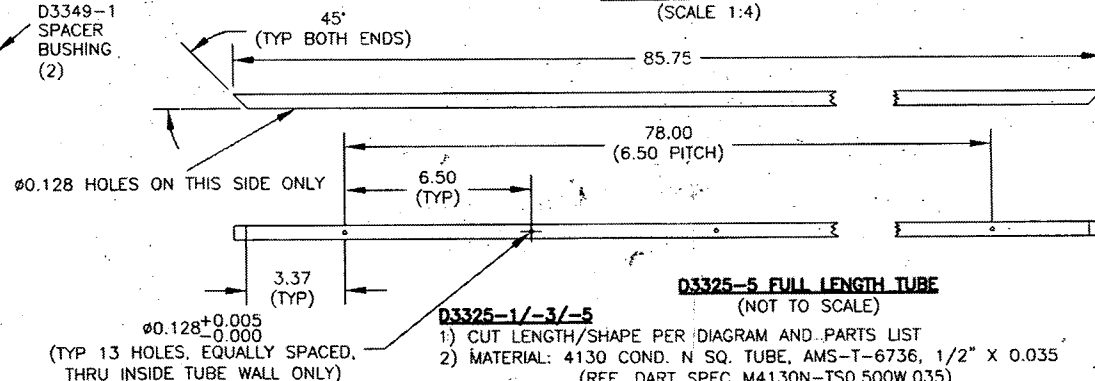
- 1) FINISH: POWDER COAT ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3 (PRIOR TO INSTALLATION OF D3320-041)
- 2) WELD PER DART QSI 004
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) ALL TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

#### PARTS LIST FOR D3325-041 BASKET LID ASSEMBLY

Part No.	Quantity	Description
D2729-1	1	PRODUCT ID LABEL
D3320-041	1	WEBBING
D3325-1	2	END TUBE
D3325-3	3	INTERIOR TUBE
D3325-5	2	FULL LENGTH TUBE
D3328-1	2	HINGE PLATE
D3349-1	2	SPACER BUSHING
D3351-1	1	PLACARD
D3352-1	1	LABEL PLATE
D3367-1	2	MOUNTING BRACKET
MS20600AD4W3	32	RIVET
AN960JD9	32	WASHER

RELEASED  
05-04-28

DEO ATTACHED



#### D3325-1/-3/-5

- 1) CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST
- 2) MATERIAL: 4130 COND. N SQ. TUBE, AMS-T-6736, 1/2" X 0.035 (REF. DART SPEC M4130N-TS0.500W.035)
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) ALL TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

B	05.04.25	CHANGE RIVET AND HOLE DIAMETER
A	04.10.21	NEW ISSUE
DESIGN	DRAWN BY	<b>DART</b> DART AEROSPACE LTD. WARRICKSURY, OXFORD, CANADA
CHECKED	APPROVED	DRAWING NO. D3325
DATE	05.04.25	TITLE BASKET LID ASSEMBLY
		REV. B SHEET 1 OF 3 SCALE 1:20

COPYRIGHT © 2004 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL  
AND IS SUPPLIED ON THE EXPRESS CONDITION  
THAT IT IS NOT TO BE USED FOR ANY PURPOSE  
OR COPIED OR COMMUNICATED TO ANY OTHER  
PERSON WITHOUT WRITTEN PERMISSION FROM  
DART AEROSPACE LTD.

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

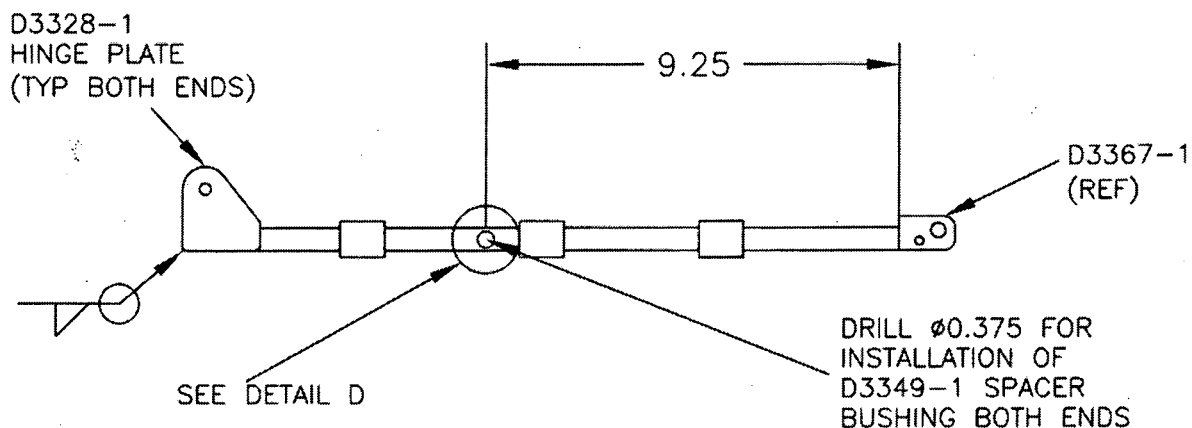
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

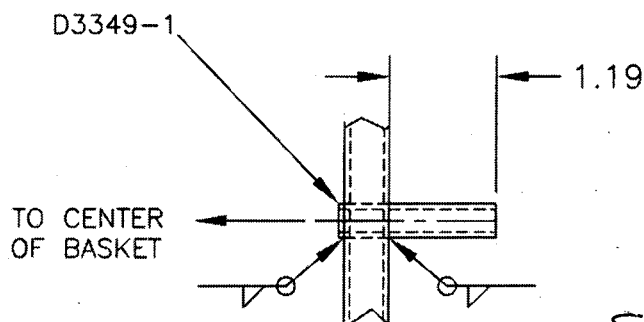
**NOTE:** Date & initial all entries



DESIGN PH	DRAWN BY PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3325	REV. B SHEET 2 OF 3
DATE 05.04.25		TITLE BASKET LID ASSEMBLY	SCALE 1:4



VIEW A-A



DETAIL D  
(SCALE 1:2)

DEO ATTACHED  
RELEASED  
05-04-28 [Signature]

u/b 69753

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

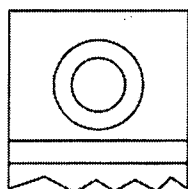
NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

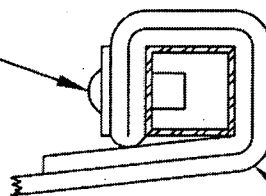




DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>PH</i>	DRAWING NO. D3325	REV. B SHEET 3 OF 3
DATE 05.04.25		TITLE BASKET LID ASSEMBLY	SCALE 1:4



MS20600AD4W3 RIVET (1)  
AN960JD9 WASHER (1)

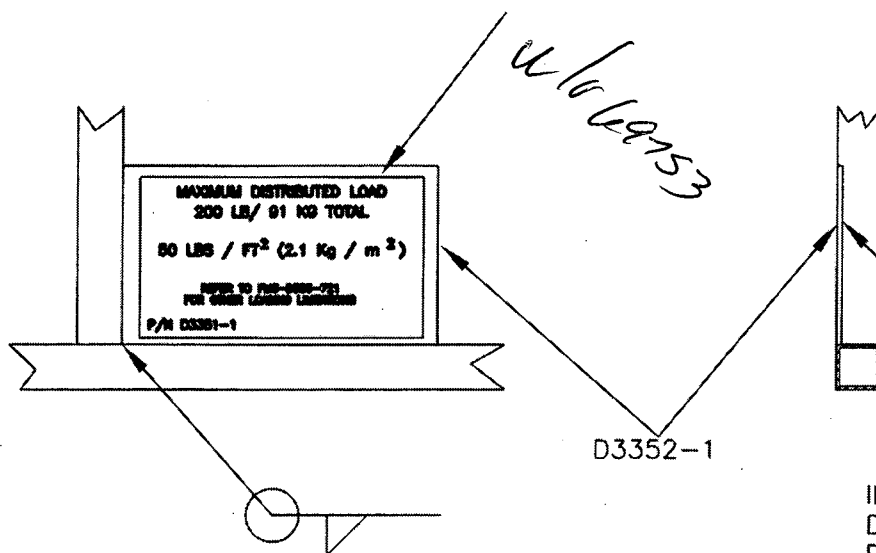


DETAIL B  
TYP. ATTACHMENT OF WEBBING TO LID  
FRAME  
(SCALE 1:1)

D3320-041 WEBBING

RELEASED  
05.04.28  
DEO ATTACHED

ATTACH D3351-1 PLACARD  
ON TOPSIDE OF D3352-1



D3352-1

IDENTIFY WITH DART P/N  
D350-721-041 USING  
D2729-1 PRODUCT ID LABEL  
INSTALLED ON UNDERSIDE OF  
D3352-1

DETAIL C  
LABEL PLATE ATTACHMENT  
(SCALE 1:2)

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng		Sign & Date			

• NOTE: Date & initial all entries

DRAWING NO. D3325	TITLE BASKET LID ASSEMBLY	REV. B	DART AEROSPACE LTD ENGINEERING ORDER		D.E.O. NO. D3325-B-1	SHEET NO. SHEET 1 OF 1	SCALE NTS
DRAWN AJS	CHECKED <i>[Signature]</i>	MFG. APPR. <i>[Signature]</i>	APPROVED <i>[Signature]</i>		DE APPR. <i>[Signature]</i>		
DATE 08.11.28	DATE 08.11.28	DATE 08.12.01	DATE 08.12.01		DATE 08.12.01		

1) SHEET 1 MODIFY PARTS LIST AS SHOWN:

**PART LIST FOR D3325-041 BASKET LID ASSEMBLY**

Part No.	Quantity	Description

**IS:**

MS20600AD4W5	32	RIVET
--------------	----	-------

*u/b 69 753*

**WAS:**

MS20600AD4W3	32	RIVET
--------------	----	-------

2) UPDATE SHEET 3 DETAIL B ACCORDINGLY.

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries